AdvanTex[®] AX100 Treatment Systems For Commercial and Multi-Family Installations Field Maintenance Report Form

AFO-OM-MA-3 Rev. 1.0, 7/07 © Orenco Systems, Inc.

Date:	Project name: Address:			Operator:		
Maintena	nce Activity			Activity Check-Off/Notes		
	Control/Alarm Panel			ricanity check chartetes		
	k pump operations in manual mod	ie				
,	k/record pump amperage and volt					
	ump #1: Voltage at breaker:	-		If applicable:		
	ump #2: Voltage at breaker:			Fan voltage at breaker:		
	ump #3: Voltage at breaker:			Fan heater voltage at breaker:		
	ump #4: Voltage at breaker:			•		
3) Chec	k timer settings					
Recirc:	Normal OnOff	Override On	Off			
Dosing:	Normal OnOff	Override On	Off			
4) Reco	rd elapsed time meter and counte	r readings (if applicable)				
5) Confirm operation of audible and visual alarms						
6) Typic	al average daily flow					
7) Typic	al average weekly peak flow	_				
B) Inspect/	fest Pumping System					
1) Verify	no leaks in riser					
2) Inspe	ect splice box for moisture and sec	cure connections				
3) Verify	condition of and correct operation	n of all floats				
4) Verify	neat wrap of float cords					
5) Pull p	oump and clean intake screen if ne	ecessary				
6) Visua	ally inspect recirculating splitter val	ve and liquid level		O		
C) Inspect E	ffluent Filters/Pump Screens					
1) Clear	n as needed					
2) Visua	ally inspect and comment on bioma	at growth				
D) Inspect F	Primary Tank					
1) Inspe	ect liquid depth, odor, scum color,	effluent characteristics				
3) Meas	sure sludge and scum; recommend	tank pumping, if necessary		O		
E) Inspect A	AdvanTex Filter					
1) Inspe	ect for ponding; assess character a	and color of biomat				
2) Chec	k inlet pressure:	_				
3) Verify	proper nozzle position, equal spray	under nozzles, no clogs				
4) Chec	k for odors; adjust recirculating tin	ne if necessary				
Nom	nal:	thy Moldy				
Pung	ent: Sulfide Cab	bage Decay				
5) Clear	n and flush manifold (if necessary)					
6) Re-c	heck spray pattern					
,	underdrain					
8) Inspe	ect vent fan assembly to verify ope	ration of fan				
F) Miscellar	neous					
1) Exerc	cise all valves			·		
2) Retur	rn valves, control panel to proper s	settings		O		
Subn	nit required documentation					

AdvanTex[®] AX100 Treatment Systems For Commercial and Multi-Family Installations Field Sampling Report Form

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Date:								
Inspector: _								
Address:								
System Type	9:							
	Results		1	Lab Results				
Parameter		Typical	Field Observations		Lab n	Influent	Effluent	
Clarity	Visual¹	Clear (15 ± NTUs)			cBOD ₅	militerit	Lindeit	
					COD			
Odor	Sniff ^e	Non-offensive			TSS			
Oily film	Visual;	None			NO ₃			
	inside tank				TKN			
Foam	Visual;	None			Turbidity			
	inside tank				NH_3			
pH	Field	6-9			Alkalinity			
DO	Probe	3-6						
Temperature	Thermometer							
Date					Date:			
Signature				Signature				
Field Sampler					Lab Technician			

To check for clarity, service providers can carry a lab-prepared sample bottle or bottles with known turbidities of 15 NTUs and 30 NTUs, to compare against, or can use a portable turbidity meter. Always put effluent sample in a clear glass container or beaker to evaluate clarity. Using a small, removable sticker, write the date, place it low on the beaker, and photograph for documentation.

To check for odor, service providers can simply sniff the effluent sample with the assistance of an olfactory snifter device and/or sulfide odor measuring packet. Whenever possible, interview system users about odor occurrences and request user's assistance in verifying or detecting odors.